## ABSTRACT OF THE DISCLOSURE

A Serial ATA interface connector includes a connector body holding a set of terminals of two different lengths alternatively arranged in parallel, each terminal having a vertically extended conductor holder at the rear end outside the conductor holder, the conductor holder having a Y-shaped retaining notch, a Serial ATA interface cable having conductors respectively fastened to the Y-shaped retaining notches of the conductors, a bottom cover shell and a top cover shell fastened together by a hook joint to hold down the connector body and the outer insulative layer of the Serial ATA interface cable, the top and bottom covers having positioning holes for the positioning of the conductor holders of the terminals.

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